

Product datasheet

Recombinant Human Smac / Diablo protein ab116425

1 Image

Overview

Product name	Recombinant Human Smac / Diablo protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli
Amino Acid Sequence	
Accession	Q9NR28
Species	Human
Molecular weight	56 kDa including tags
Amino acids	1 to 239

Specifications

Our [Abpromise guarantee](#) covers the use of **ab116425** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot ELISA SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF-TOF
Purity	> 90 % SDS-PAGE.
Form	Liquid

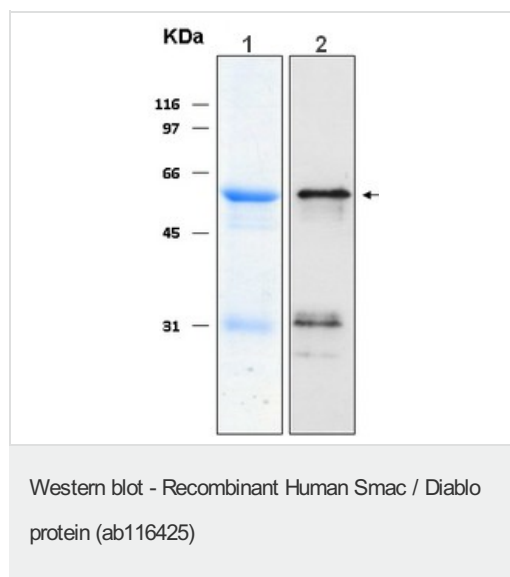
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.40 Constituent: 99% PBS
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General Info

Function	Promotes apoptosis by activating caspases in the cytochrome c/Apaf-1/caspase-9 pathway. Acts by opposing the inhibitory activity of inhibitor of apoptosis proteins (IAP).
Tissue specificity	Ubiquitously expressed with highest expression in testis. Expression is also high in heart, liver, kidney, spleen, prostate and ovary. Low in brain, lung, thymus and peripheral blood leukocytes.
Domain	The mature N-terminus mediates interaction with XIAP.
Cellular localization	Mitochondrion. Released into the cytosol when cells undergo apoptosis.

Images



10% SDS-PAGE stained with Coomassie Blue (Lane 1), immunoblotting with anti-6xHis (Lane 2)

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